Reference Table 1

			alcohol c	alcohol component						Propertie	Properties of esters	25					
		ester name	peroxyde carbonyl value value	carbonyl value	catalyst	Hazen color number	1)total acid number	2)sulfat ed ash content	2)sulfat 3)sulfur 4)phosp 5)peroxi 6)carbo ed ash content orus de value nyl content	4)phosp orus content	5)peroxi 6)o de value nyl val		7)Volume resistivity	8)hydro xy value	B)hydro 9)Water Heat xy value content stability	Heat stability	Long-term hydrolysis stability
		Diisobutyl 4- I - 1 cyclohexene-1,2- dicarboxylate	0.2		0.3 tin hydroxide	10	0.01	-	▽	₽	0.3	0.8	8.6×10''	0.2	16	0.53	0.83
example	1-2	Di(2-ethylhexyle) 1 - 2 4-cyclohexene- 1,2-dicarboxylate	0.1	0.5	0.2 tin oxide	10	0.01	1>	₽	⋾	0.2	0.5	9.5×10 <sup>11</sup>	0.8	12	0.48	0.72
	I - 5	Diisodecyl 4- I - 5 cyclohexene-1.2- dicarboxylate	0.8		0.5 tin oxide	20	0.01	1	⋾	₽	9.0	1.2	8.9×10 <sup>13</sup>	0.2	25	0.7	0.83
	-	Diisobutyl 4- [ - 1 cyclohexene-1,2- dicarboxylate	1.3	18.1	p- 18.1 toluenesulf onic acid	120	0.01	<1	22	\ \	6.4	15.2	3.2×10 <sup>10</sup>	0.5	50	3.82	14.82
comparativ	1 - 2	Diisobutyl 4- I - 2 cyclohexene-1,2- dicarboxylate	0.2	0.3	p- 0.3 toluenesulf onic acid	20	0.01	<1	25	1>	0.2	9.0	3.9×1010	0.3	13	2.99	10.27
e example	1 - 3	Di(2-ethylhexyle) 1 - 3 4-cyclohexene- 1,2-dicarboxylate	0.7	4.8	4.8 phosphoric acid	100	0.01	(دا	₽	32	£.	3.9	3.1×10 <sup>10</sup>	1.2	33	3.16	7.56
	1 - 4	Diisodecyl 4- l - 4 cyclohexene-1,2- dicarboxylate	1.8	3.9 1	3.9 tin oxide	07	0.02	2	₽	⋾	S	7.6	4.1×10 <sup>12</sup>	0.4	27	1.51	3.38
content of claims			<=1.0	ш.	absent or sulfur free and phosporous free		<=0.05	<b>(=10</b>	<=20	<=20	<=1.0	<=10	<=10 >=1.0×10 <sup>11</sup>	<b>(=3</b>	<=100		

